TAGE INC
F4600-76-C-
750-799.

See Memorandum
Ahead for additional
data

2286

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2386	032	02 05 74	27AT	3512	7539

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0007	12	—	11	039	N	NW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	S	FT	060	—	16	060

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00100	0001	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	35° 12′	75° 39′	1080	4821	7		1603	1605
							PU	ON
FINISH	35° 12′	75° 36′	1036	4817	6		1705	1709

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1109/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

P. dentatus - Few

Alosa - Negative

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2382 - 2386

Date 2 - 5 - 74

Area of Release 3H4-0952

~~LORAN~~ ~~Start~~ 3L1 - 4811

~~Finish~~ 3½ mi N.E. of Cape Hatteras Lighthouse

Tot. Fish Captured 145

Tot. Fish Tagged 124

No. Retained for analysis 21

Gear Type

Area II

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
4600			301	P. dentatus	
4601			312	"	
4602			260	"	
4603			256	"	
4604			330	"	
4605			243	"	
4606			319	"	
4607			220	"	
4608			250	"	
4609			275	"	
4610			247	"	
4611			282	"	
4612			312	"	
4613			302	"	
4614			246	"	
TAG	MISSING				
4616			245	"	
4617			225	"	
4618			270	"	
4619			246	"	
4620			335	"	
4621			257	"	
4622			248	"	
4623			323	"	
4624			226	"	
4625			327	"	
4626			267	"	
4627			228	"	
4628			268	"	
4629			255	"	
4630			248	"	
4631			315	"	
4632			254	"	
4633			236	"	
4634			301	"	
4635			231	"	
4636			245	"	
4637			305	"	
4638			225	"	
4639			218	"	
4640			234	"	
4641			197	"	

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2382-2386 Tot. Fish Captured _____

Date _____ Tot. Fish Tagged _____

Area of Release _____ No. Retained for analysis _____

LORAN Start _____ _____ Gear Type _____

Finish _____ _____

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
4642			234	P. dentatus	
4643			230	"	
4644			213	"	
4645			237	"	
4646			232	"	
4647			279	"	
4648			253	"	
4649			288	"	
4650			248	"	
4651			281	"	
4652			210	"	
4653			237	"	
4654			254	"	
4655			251	"	
4656			236	"	
4657			231	"	
4658			246	"	
4659			288	"	
4660			322	"	
4661			233	"	
4662			215	"	
FO 750			355	"	
FO 751			343	"	
FO 752			347	"	
FO 753			323	"	
FO 754			336	"	
FO 755			325	"	
FO 756			312	"	
FO 757			433	"	
FO 758			363	"	
FO 760			506	"	
FO 761			393	"	
FO 762			318	"	
FO 759			414	"	
FO 763			394	"	
FO 764			352	"	
FO 765			365	"	
FO 766			397	"	
FO 767			436	"	
FO 768			356	"	
FO 769			482	"	

H1

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2382-2386 Tot. Fish Captured _____

Date _____ Tot. Fish Tagged _____

Area of Release _____ No. Retained for analysis _____

LORAN Start _____ _____ Gear Type _____

Finish _____ _____

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
70 770			341	P - dentatus	
70 771			330	"	
70 772			341	"	
70 773			406	"	
70 774			359	"	
70 775			338	"	
70 776			318	"	
70 777			391	"	
70 778			425	"	
70 779			353	"	
70 780			346	"	
70 781			328	"	
70 782			377	"	
70 783			332	"	
70 784			380	"	
70 785			314	"	
70 786			377	"	
70 787			338	"	
70 788			352	"	
70 789			310	"	
70 790			329	"	
70 791			343	"	
70 792			318	"	
70 793			353	"	
70 794			339	"	
70 795			341	"	
70 796			329	"	
70 797			370	"	
70 798			330	"	
70 799			302	"	
4663			249	"	
4664			305	"	
4665			317	"	
4666			232	"	
4667			273	"	
4668			238	"	
4669			253	"	
4670			237	"	
4671			217	"	
4672			249	"	
4673			243	"	

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2382-2386

Date _____

Area of Release _____

LORAN Start _____ _____

Finish _____ _____

Tot. Fish Captured _____

Tot. Fish Tagged _____

No. Retained for analysis _____

Gear Type _____

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
4674			222	P. Dentatus	

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2386 DATE Feb. 5 19 72 IDENTIFIED BY BSH MSH

TOTAL CATCH WT. 100 SUBSAMPLE WT. _____ NO. BASKETS 1

FF 100 Cr. 1 Moll. — Other —

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
P. dentatus	Few	10#	Combined w 2382-2385
Microgen undulatus	do	5+	
Cynoscion regalis	do	5+	
Peprilus triacanthus	do	5	
Brevoortia tyrannus	do	5#	
Lophius americanus	Few	25#	
Mustelus canus	Few	10	
Raja eglanteria	do	10	
Dasyatis centroura	do	10	
Gymnura micrura	do	10	
Dasyatis americana	do	10	
Paenios sp.	Few	1	
PARALICHTHIDS: POSITIVE			
ANADROMOUS: NEGATIVE			

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
II-140	246	♂	✓	—				—	2387-2390 cont'd	170 grams x Area I
II-141	250	♂	✓	—				—	"	170 Feb 1934
II-142	239	♀	✓	—				I	"	130
II-143	233	♀	✓	—				I	"	130
II-144	212	♀	✓	—				I	"	100
II-145	242	♀	✓	—				I	"	135
II-146	247	♀	✓	—				I	"	160
II-147	212	♂	✓	—				—	"	95
II-148	208	♀	✓	—				I	"	90
II-149	237	♀	✓	—				I	"	135
II-150	220	♀	✓	—				I	"	105
II-151	224	♀	✓	—				I	"	125
II-152	225	♀	✓	—				I	"	115
II-153	220	♀	✓	—				I	"	110
II-154	210	♀	✓	—				I	"	105
II-155	215	♂	✓	—				—	"	95
II-156	183	♀	✓	—				I	"	65
II-157	338	♂	✓	—				—	2382-2386	420 x Area II
II-158	342	♂	✓	—				—	"	390 Feb 1934
II-159	320	♂	✓	—				—	"	305
II-160	295	♀	✓	✓				I (2.89)	"	265
II-161	214	♂	✓	—				—	"	100
II-162	237	♀	✓	—				I	"	125
II-163	256	♀	✓	—				I	"	160
II-164	222	♀	✓	—				I	"	110
II-165	278	♂	✓	—				—	"	235
II-166	257	♀	✓	—				I	"	150
II-167	235	♂	✓	—				—	"	125
II-168	225	♂	✓	—				—	"	115
II-169	236	♀	✓	—				I	"	130
II-170	238	♂	✓	—				—	"	135
II-171	206	♀	✓	—				I	"	90
II-172	246	♀	✓	—				I	"	140
II-173	240	♀	✓	—				I	"	135
II-174	247	♀	✓	—				I	"	135
II-175	240	♂	✓	—				—	"	135
II-176	227	♀	✓	—				I	"	115
II-177	208	♀	✓	—				I	"	90
II-178	185	♀	✓	—				I	2396	70 Area I
II-179	185	♀	✓	—				I	"	70 Feb 1934
II-180	195	♂	✓	—				—	"	75
II-181	212	♀	✓	—				I	"	105
II-182	185	♂	✓	—				—	"	65
II-183	200	♂	✓	—				—	"	85
II-184	170	♂	✓	—				—	"	50
II-185	178	♀	✓	—				I	"	65

Length-frequency distribution

Species: *P. dentatus*

Station: 2382 - 2386

Date: Feb. 5, 1974

Locality:

T.L.	Unsexed	♂	♀
100 - 109			
110 -			
120 -			
130 -			
140 -			
150 -			
160 -			
170 -			
180 -			
190 -	I (1)		
200 -			II (2)
210 -	++++ (5)	I (1)	
220 -	++++ I (6)	I (1)	II (2)
230 -	++++ ++++ IIII (14)	II (2)	II (2)
240 -	++++ ++++ III (13)	I (1)	III (3)
250 -	++++ IIII (9)		II (2)
260 -	III (3)		
270 -	IIII (4)	I (1)	
280 -	IIII (4)		
290 -			I (1)
300 -	++++ I (6)		
310 -	++++ ++++ I (11)		
320 -	++++ III (8)	I (1)	
330 -	++++ IIII (9)	I (1)	
340 -	++++ II (7)	I (1)	
350 -	++++ II (7)		
360 -	II (2)		
370 -	III (3)		
380 -	I (1)		
390 -	IIII (4)		
400 -	I (1)		
410 -	I (1)		
420 -	I (1)		
430 -	II (2)		
440 -			
450 -			
460 -			
470 -			
480 -	I (1)		
490 -			
500 -	I (1)		
510 -			
520 -			
530 -			
540 -			
550 -			
560 -			
570 -			
580 -			
590 -			
600 -			
610 -			
620 -			
630 -			
640 -			
650 -			
660 -			
670 -			
680 -			
690 -			
700 -			
710 -			
720 -			
730 -			
740 -			
750 -			

♂		9
♀		12
Unsexed		124
Total -		145

2386